



2004 Children's Environmental Health Regional Summit **A Conference for Environmental, Health and Education Professionals**

Brought to you by:

US Environmental Protection Agency Region 8
US Department of Health and Human Services Region VIII
Rocky Mountain Region Pediatric Environmental Health Specialty Unit
Utah Departments of Environmental Quality, Health, Agriculture & Food, & Human Services
Utah Local Health Departments
University of Utah
Brigham Young University
Utah Primary Children's Medical Center
Utah Nurses Association

October 7 & 8, 2004 - SALT LAKE CITY, UTAH - MAIN LIBRARY
210 East 400 South
Salt Lake City UT 84111

Creating Partnerships to Protect Children's Health

REGISTER NOW!!!

2004 Children's Environmental Health Regional Summit A Conference for Health Providers, Environmental and Education Professionals **October 7 & 8, 2004**

Background

Why focus on Children?

- Compared to adults, children eat proportionately more food, drink more fluids and breathe more air than adults. As a result, they are exposed to more pollutants per pound of body weight than adults.
- Children are more vulnerable than adults to environmental hazards because their systems are still developing, often making them less able to metabolize, detoxify and excrete toxins.
- Their behavior patterns, such as playing close to the ground and hand-to-mouth activity, increase their exposure to potential toxics.
- They are least able to protect themselves.
- They have a longer life expectancy and thus a longer time to develop diseases resulting from environmental exposures.
- Fewer than half of the synthetic chemicals that have been developed and released to the environment have been tested for potential human toxicity, fewer still, for their potential effects on children.
- Children represent twenty five percent of our population but 100% of our future.

Summit Goals

Upon completion of this program, participants should be able to:

1. Coordinate and share information across government agencies, health organizations, health care providers, educators, and the general public in addressing children's environmental health issues.
2. Identify, prevent, and reduce environmental health threats to children.
3. Describe "best practices", and emerging science regarding the protection of children's health from environmental hazards.
4. Identify resources available to health care providers related to protecting children's health from environmental hazards.

Who Should Attend

- Local, State and Federal Environmental, Health, and Education government officials
- Health Care Providers
- Day Care Providers
- School Administrators, Teachers, Facility Managers
- School nurses
- Child health organizations
- Parents
- General Public

Location

The Summit will be held in the Salt Lake City, Utah - Main Library located at 210 East 400 South, in Salt Lake City, Utah. This new six-story curving, walkable wall embraces the public plaza, with shops and services at ground level, reading galleries above, and a 300-seat auditorium and several break out rooms with state of the art audiovisual technology. Information about accommodations within walking distance of the Library can be found at http://www.deq.utah.gov/Childrens_Health_Summit/.

The library's underground parking facility can be accessed by turning mid-block from eastbound 400 South. Parking in this facility is free for the first half-hour, then \$.75 per half-hour after that.



Welcome Remarks By

Governor Olene S. Walker

Olene S. Walker was sworn in as Utah's 15th and first woman governor on November 5, 2003. Past accomplishments and a strong commitment to the future are hallmarks of Governor Walker's distinguished service with the state. For example, while serving as Utah's first woman lieutenant governor, Walker led the Healthcare Reform Task Force that resulted in establishing the Children's Health Insurance Program (CHIP), ensuring affordable healthcare for Utah's children. With a strong academic background, Governor Walker continues to lead Utah toward improvements in literacy and education. She has pledged to provide a nurturing environment for Utah's students. She received her Bachelor's, Master's and Doctorate degrees from Brigham Young University, Stanford University and the University of Utah, respectively.



Michael O. Leavitt (invited)

Michael O. Leavitt was sworn in as the 10th Administrator of the United States Environmental Protection Agency on November 6, 2003. Prior to leading the Agency, Leavitt served as Utah's 14th governor and was a national leader on homeland security, welfare reform and environmental management. Six times during his administration, independent public policy analysts ranked Utah among the best-managed states in the nation. He now brings his proven management record to the EPA. Leavitt graduated with a bachelor's degree in economics and business from Southern Utah University.

About Our Keynote Speakers

Howard Frumkin, MD, DrPH



Howard Frumkin is Professor and Chair of the Department of Environmental and Occupational Health at the Rollins School of Public Health of Emory University, and Professor of Medicine at Emory Medical School, in Atlanta. He is an internist, environmental and occupational medicine specialist, and epidemiologist. He founded the Environmental and Occupational Medicine Consultation Clinic at The Emory Clinic and directed it from 1991 to 2000. He founded Emory's Occupational Medicine Residency training program and directed it from 1991 to 1997. He currently directs the Southeast Pediatric Environmental Health Specialty Unit, based at Emory.

Before coming to Emory in 1990, Dr. Frumkin was a faculty member at the University of Pennsylvania School of Medicine in Philadelphia. He is a member of the Board of Directors of Physicians for Social Responsibility (PSR), where he previously co-chaired the Environment Committee, past President of the Association of Occupational and Environmental Clinics (AOEC), former chair of the Science Board of the American Public Health Association (APHA), and Vice President of the Society for Occupational and Environmental Health (SOEH). From 1994 to 1996 he served as one of five U.S. members of the Committee to Reduce Lead Exposure in the Americas, a joint effort of the Institute of Medicine of the National Academy of Sciences and Mexico's National Institute of Public Health. He currently serves on the Institute of Medicine Roundtable on Environmental Health Sciences, Research, and Medicine. Dr. Frumkin was named to EPA's Children's Health Protection Advisory Committee in 2001, where he chaired the Smart Growth work group, and to the National Toxicology Program Board of Scientific Counselors in 2002. At the state level, he has served as a member of Georgia's Hazardous Waste Management Authority and Pesticide Advisory Committee. In Georgia's Clean Air Campaign, which manages public communication and social marketing regarding motor vehicle use and air pollution in the state, he serves on the Board and chairs the Health/Technical Committee. He has served as a consultant to several corporations, including Hewlett-Packard, Southwire, Georgia Power, and Polaroid, and to several unions, including the Chemical Workers Association and the Utility Workers Union. His research interests include public health aspects of urban sprawl; air pollution; lead and mercury toxicity; occupational asthma; climate change; health benefits of contact with nature; and environmental and occupational health policy, especially regarding minority workers and communities, and those in developing nations. His book, *Urban Sprawl and Public Health* (written with Larry Frank and Dick Jackson), and his textbook, *Environmental Health: From Local to Global*, will be published in 2004.

Dr. Frumkin received his A.B. from Brown University, his M.D. from the University of Pennsylvania, his M.P.H. and Dr.P.H. from Harvard, his Internal Medicine training at the Hospital of the University of Pennsylvania and Cambridge Hospital, and his Occupational Medicine training at Harvard. He is Board-certified in both Internal Medicine and Occupational Medicine, and is a Fellow of the American College of Physicians and the American College of Occupational and Environmental Medicine.

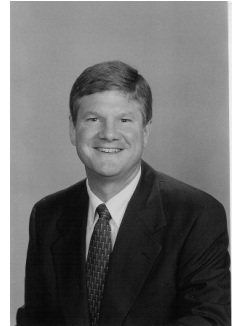
Patricia W. Jones, State Representative, Utah, District #40



Representative Patricia W. Jones is a successful businesswomen, legislator, community member and mother. The Utah Business Magazine named her one of 30 top women in business in April of 2002. Utah Health Magazine also named her Utah's Public Health Hero in 2002 for her efforts. As a legislator she sits on numerous committees, including the Higher Education Appropriations Subcommittee, the Utah House Health and Human Services Committee and the Legislative Management Committee. She has been very active in sponsoring environmental health issues such as the asthma inhaler bill that was passed March 2004. Jones sits on several boards of directors, including the South Valley Boy and Girls Club, the University of Utah Alumni Association, the Edward G. Callister Foundation, and the Hale Center Theatre. She has 4 children, 3 stepchildren, and 11 grandchildren. Jones graduated from Olympus High School before graduating Magna Cum Laude in Journalism from the University of Utah.

David Jacobs, PhD, CIH

David E. Jacobs was appointed Director of the Office of Lead Hazard Control in the U.S. Department of Housing and Urban Development on July 18, 1995. Dr. Jacobs is responsible for establishing policies and programs to prevent childhood lead poisoning caused by exposure to lead-based paint hazards in housing. He coordinates and oversees the Department's grant programs to state and local governments to finance lead hazard control in privately-owned, low-income housing, technical assistance and guidelines in development, technical studies, regulation and standards development, enforcement and public education. He is also responsible for advising the Secretary of HUD on lead-based paint matters and coordinating activities with other Federal agencies such as the Environmental Protection Agency and the Centers for Disease Control and Prevention.



Before joining HUD, Jacobs was Deputy Director of the National Center for Lead-Safe Housing, a non-profit scientific research and policy development organization and was on the faculty at the Georgia Institute of Technology, where he served as Director of the Southern Lead-Based Paint Training Consortium (which included the Georgia Institute of Technology, Texas A&M, and Louisiana State University). He was also a chemistry instructor at Oakland University. Jacobs has conducted numerous research projects on lead-based paint detection and hazard control technologies. He pioneered the development of lead-based paint risk assessment protocols in the public housing program and is the principal author of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* and many other publications.

Jacobs earned his Ph.D. in Environmental Engineering and holds an M.S. in Technology and Science Policy, a B.S. in Environmental Health, and a B.A. in Political Science.

Continuing Education Credits

We are planning to offer continuing education credits for physicians (CME), nurses (CNU), Certified Health Education Specialists (CHES), and for other professionals (CEU). We have submitted a Continuing Education Credit proposal to the Centers for Disease Control and Prevention and will update the Summit web pages with approval status, as it becomes available.

Our Presenters

Alicia Aalto

Children's Environmental Health Coordinator
US Environmental Protection Agency, Region 8

Brenda M. Afzal, RN, MS

Environmental Health Education Center
University of Maryland School of Nursing

Mark E. Anderson, MD

Director , Rocky Mountain Region
Pediatric Environmental Health Specialty Unit

Angelo J. Bellomo

Director of Environmental Health and Safety
Los Angeles Unified School District (LAUSD)

Martha Berger

Office of Children's Health Protection
US Environmental Protection Agency

Elizabeth H. Blackburn, RN

Team Leader, Outreach and Partnerships, OCHP
US Environmental Protection Agency

Eugene C. Cole, DrPH

Professor Environmental Health and Infectious Disease
Brigham Young University

Frank DeRosso, MSPH, CIH

Rocky Mountain Environmental Consultants, L.L.C.

A. Christine Eppstein, LLB, LLM

Senior Project Manager
Environmental Council Of States

Rebecca T. Giles, MPH

Asthma Program Manager
UT Department Of Health

Amanda E. Hasty

Lead Program
US Environmental Protection Agency, Region 8

Bruce S. Hayes

Facility and School Safety Consultant
Wyoming Department of Education

Dana Headapohl, MD, MPH

Occupational and Environmental Health Services
St. Patrick Hospital, Missoula, Montana

Douglas L. Kladder

Director, NEHA -Center for Environmental Health
Research and Technology

Marc L. Lame, PhD

School of Public and Environmental Affairs
Indiana University

Marjean H. Magraw, MPH

Environmental Public Health Tracking Project Coord.
Montana Department of Public Health and Human
Services

Leyla Erk McCurdy, MPhil

Senior Director Health & Environment Programs
National Environmental Education and Training
Foundation

Mark McDermott, MD

Department of Pediatrics, Division of Emergency
Medicine, University of Utah

Julie M. Metos, MPH, RD

Clinical Nutrition Manager
Utah Primary Children's Medical Center

Art Palomares

Director, Environmental Justice Program
US Environmental Protection Agency, Region 8

James J. Quackenboss, MS

National Environmental Research Lab-Las Vegas
Interagency Coordinating Committee (ICC) of the
National Children's Study
US Environmental Protection Agency

John F. Risher, PhD

Senior Science Advisor
Agency for Toxic Substances and Disease Registry

Gregg Smith, PE

Director of Facility Services
Salt Lake City School District

Richard J. Shaughnessy, PhD

Indoor Air Quality Research Program Manager
University of Tulsa

Brett Vanakkeren

Development, Community and Environment Division
US Environmental Protection Agency

Sandi K. Washek

Environmental Scientist II, Lead Program
North Dakota Department of Health

Michael Wenstrom

Environmental Justice Program
US Environmental Protection Agency, Region 8

Suzanne Wuerthele, PhD

Regional Toxicologist
US Environmental Protection Agency, Region 8

**2004 CHILDREN'S ENVIRONMENTAL HEALTH REGIONAL SUMMIT
DRAFT AGENDA (Revised September 14, 2004)**

Day 1: October 7, 2004

Time	Topic		
8:00 am – 8:30 am	Registration & Continental Breakfast		
8:30 am – 9:30 am	Welcome Remarks: Governor Olene S. Walker (20 min) Mike Leavitt, EPA Administrator (invited) (20 min) Questions & Answers (20 min)		
9:30 am – 10:30 am	Keynote Address 1: Healthy Places for Children (and the Rest of Us) Howard Frumkin, MD, DrPH, Chair, Department of Environmental and Occupational Health at the Rollins School of Public Health of Emory University in Atlanta		
10:30 am – 10:45 am	Break		
Concurrent Sessions:	Developing Partnerships to Protect Children's Health	Environmental Contaminants & Emerging Issues in Children's Environmental Health	School Environmental Health
10:45 am – 11:15 am	OCHP Efforts to Build Community Capacity in Children's Environmental Health Protection (Elizabeth H. Blackburn, RN, Team Leader, Outreach and Partnerships, Office of Children's Health Protection, US EPA)	Mercury: Sources, Health Risks, and Exposure Evaluation (John F. Risher, PhD, Senior Science Advisor, ATSDR)	Healthy School Environments Critical for Learning (Alicia Aalto, Children's Environmental Health Coordinator, US EPA Region 8)
11:15 am – 11:45 am	Creating a State-level Children's Environmental Health Network and Strategy (Marjean H. Magraw, MPH, Environmental Public Health Tracking Project Coordinator, MT Department of Public Health and Human Services)	Common and Not-So-Common Sources of Lead Poisonings (Mark Anderson, MD, Rocky Mountain Region Pediatric Environmental Health Specialty Unit Director)	Tools for Schools (Frank D. DeRosso, MSPH, CIH Rocky Mountain Environmental Consultants, L.L.C.)
11:45 am – 12:15 pm	Working Lunch (Box Lunch)		
12:15 pm – 1:15 pm	Keynote Address 2: A Legislator's Perspective on Children's Environmental Health Issues Patricia Jones, State Representative, Utah, District #40		
1:15 pm – 1:25 pm	BREAK		
1:25 pm – 1:55 pm	ECOS/ASTHO National Childhood Asthma Prevention Initiative (A. Christine Eppstein, LLB, LLM, Senior Project Manager and Legislative Analyst, Environmental Council Of States)	Health Effects of Molds and Implications for Children's Environmental Health (Eugene C. Cole, DrPH, Professor Environmental Health and Infectious Disease, Brigham Young University)	Our Experience with EPA's IAQ Tools for Schools (Gregg Smith, PE, Director of Facility Services, Salt Lake City School District)
1:55 pm – 2:25 pm	State Asthma Plans (Rebecca T. Giles, MPH, Asthma Program Manager, UT Department of Health)	Radon: The Health Threat with a Simple Solution (Douglas L. Kladder, Director, NEHA Center for Environmental Health Research and Technology)	Integrated Pest Management in Schools Part I (Marc L. Lame, PhD, School of Public and Environmental Affairs, Indiana University)
2:25 pm – 2:40 pm	BREAK & Refreshments		

**2004 CHILDREN'S ENVIRONMENTAL HEALTH REGIONAL SUMMIT
DRAFT AGENDA (Revised September 14, 2004)**

Day 1: October 7, 2004 (continued)

Concurrent Sessions:	Developing Partnerships to Protect Children’s Health	Environmental Contaminants & Emerging Issues in Children’s Environmental Health	School Environmental Health
2:40 pm – 3:10 pm	Connecting State Smart Growth Initiatives and Children's Environmental Health Protection (Brett Vanakkeren, Development, Community and Environment Division, US EPA)	Indoor Air Quality – Silent Indoor Air Toxins (Richard J. Shaughnessy, PhD, Program Manager, Indoor Air Quality Research, University of Tulsa)	Integrated Pest Management in Schools Part II (Marc L. Lame, PhD, School of Public and Environmental Affairs, Indiana University)
3:10 pm – 3:40 pm		PM 2.5 and Ozone Implications for Children’s Health (Mark McDermott, MD, Department of Pediatrics, Division of Emergency Medicine, University of Utah)	Assessing Health and Safety Conditions in LAUSD Schools (Angelo J. Bellomo, Director of Environmental Health and Safety, Los Angeles Unified School District-LAUSD)
3:40 pm – 4:10 pm	High Blood Lead Levels in Minority and Low Income Children – An EPA Region 8 Environmental Justice Initiative (Art Palomares, Environmental Justice Program Director, US EPA, Region 8)	Childhood Obesity-Environmental Factors (Julie M. Metos, MPH, RD, Clinical Nutrition Manager, Primary Children’s Medical Center)	Hazardous Material Removal from Schools (Bruce S. Hayes, Facilities and School Safety Consultant, Wyoming Department of Education)
4:10 pm – 4:40	Observations on Migrant Farm Worker’s Children’s Exposure to Pesticides in Colorado (Michael Wenstrom, Environmental Justice Program, US EPA,, Region 8)		
4:40 pm	ADJOURN		



Evening Social Networking Event:

Join us for an
"Oktoberfest" Dinner
 at
The University of Utah Olympic Cauldron Park and Museum
 From 6:00 to 9:00 pm



2004 CHILDREN'S ENVIRONMENTAL HEALTH REGIONAL SUMMIT
DRAFT AGENDA (Revised September 14, 2004)

Day 2: October 8, 2004

Time	Topic		
8:00 am – 8:30 am	Continental Breakfast		
8:30 am - 9:30 am	Keynote Address 3: Housing and Public Health: Connecting the Dots David Jacobs, PhD, Director, Healthy Homes & Lead Hazard Control, US Housing & Urban Development		
9:30 am – 9:40 am	BREAK		
Concurrent Sessions:	Developing Partnerships to Protect Children’s Health	Emerging Issues in Children’s Environmental Health	Integrating environmental health into health care provider education and practice
9:40 am - 10:10 am	The National Children’s Study (<i>James J. Quackenboss, MS, Environmental Scientist, National Environmental Research Lab-LV, Interagency Coordinating Committee (ICC) of the National Children’s Study, US EPA</i>)	The Emerging Science of Endocrine Disruption (<i>Suzanne Wuerthele, PhD, Regional Toxicologist, US EPA, Region 8</i>)	Pediatric Chief Resident Education (<i>Mark McDermott, MD, Department of Pediatrics, Division of Emergency Medicine, University of Utah</i>)
10:10 am – 10:40 am	Lead Strategy for Eliminating Childhood Lead Poisoning by 2010 (<i>Amanda E. Hasty, Lead Based Paint Coordinator, US EPA, Region 8</i>)	Polybrominated Diphenyl Ethers (PBDEs) (<i>Suzanne Wuerthele, Regional Toxicologist, PhD, US EPA, Region 8</i>)	EnviRN: A Virtual Resource for Environmental Health and Nursing (<i>Brenda M. Afzal, RN, MS, Environmental Health Education Center, University of Maryland School of Nursing</i>)
10:40 am - 10:55 am	BREAK		
10:55 am – 11:25 am	State/Local Partnerships to Prevent Childhood Lead Poisoning (<i>Sandi K. Washek, Lead Program, ND Department of Health</i>)	Clandestine Methamphetamine Drug Labs Panel (<i>Dana Headapohl, MD, MPH, Occupational and Environmental Health Services, St. Patrick Hospital, Missoula, MT</i>)	Health Care Provider Initiative: Integrating Environmental Health Into Pediatric Health Care (<i>Leyla Erk McCurdy, MPhil, Senior Director Health & Environment Programs, NEETF</i>)
11:25 am – 11:55 am	International Collaboration and Children’s Environmental Health (<i>Martha P. Berger, Director, International Activities, Office of Children’s Health Protection, US EPA</i>) (<i>invited</i>)		Environmental History Taking: Guidelines and Case Histories (<i>Mark Anderson, MD, Rocky Mountain Region Pediatric Environmental Health Specialty Unit Director</i>)
11:55 am – 12:05 pm	BREAK		
12:05 pm – 12:30 pm	CLOSING REMARKS		
12:30 pm	ADJOURN		

If you have any questions or would like additional information please contact Alicia Aalto, EPA Region 8, Children's Environmental Health Coordinator at (303) 312-6967 or e-mail at aalto.alicia@epa.gov



Children's Environmental Health Regional Summit REGISTRATION

SPACE IS LIMITED SO PLEASE REGISTER EARLY

Register Online at www.epa.gov/region8/humanhealth/children

Mail-in registration will not be accepted.

REGISTRATION FORM

Title (Dr., Prof., Mr., Mrs., Ms.)	<input type="text"/>	Degree (Ph.D., M.S., B.S., etc.)	<input type="text"/>
First Name:	<input type="text"/>		
Last Name:	<input type="text"/>		
Position/Title:	<input type="text"/>		
Organization:	<input type="text"/>		
Address:	<input type="text"/>		
	<input type="text"/>		
City:	<input type="text"/>		
State:	<input type="text"/>	Zip Code:	<input type="text"/>
Phone:	<input type="text"/>	Fax:	<input type="text"/>
Email:	<input type="text"/>		

_____ I would like to attend the following concurrent sessions: (please select 1 per group)

Day 1:

Developing Partnerships to Protect Children's Health _____
Environmental Contaminants & Emerging Issues in Children's Environmental Health _____
School Environmental Health _____

Day 2:

Developing Partnerships to Protect Children's Health _____
Environmental Contaminants & Emerging Issues in Children's Environmental Health _____
Integrating environmental health into health care provider education and practice _____

_____ I will not be able to attend but would appreciate receiving copies of the Summit's educational materials

_____ I need Salt Lake City Hotel information

COST:

(includes continental breakfasts, box lunch, refreshments, and evening social)

\$100 Professional Fee / \$50 Student Fee.

Limited Scholarships are available from UT DEQ.

For more information, please email llamb@utah.gov

Please make checks payable to:

Utah Department of Environmental Quality

and mail to:

Office of Planning and Public Affairs

P.O. Box 144810

Salt Lake City, Utah

84114-4810